

CLAIMSWhat is claimed is:

1. A process for the production of alkoxyated alkyl and/or alkenyl polyglycosides comprising:

reacting alkylene oxides with alkyl and alkenyl polyglycosides corresponding to formula (I):



wherein R^1 is an alkyl and/or alkenyl group containing 4 to 22 carbon atoms, G is a sugar unit containing 5 or 6 carbon atoms and p is a number of 1 to 10, wherein the alkyl and/or alkenyl polyglycosides corresponding to formula (I) are in the form of a water-containing preparation with a water content of more than 5% by weight, based on the weight of the water-containing preparation.

2. The process according to Claim 1, wherein the alkyl and/or alkenyl polyglycosides corresponding to formula (I) are in the form of a water-containing preparation with a water content of about 10% to about 80% by weight, based on the weight of the water-containing preparation.

3. The process according to Claim 1, wherein the alkyl and/or alkenyl polyglycosides corresponding to formula (I) are in the form of a water-containing preparation with a water content of about 30% to about 60% by weight, based on the weight of the water-containing preparation.

4. The process according to Claim 1, wherein R^1 is an alkyl group containing 12 to 14 carbon atoms.

5. The process according to Claim 1, wherein p is a number of 1.1 to 3.
6. The process according to Claim 1, wherein G is a glucose unit.
7. The process according to Claim 1, wherein the reaction is carried out at temperatures ranging from about 80°C to about 150°C.
8. The process according to Claim 1, wherein the reaction is carried out at temperatures ranging from about 100°C to about 120°C.
9. The process according to Claim 1, wherein the reaction is carried out in the presence of about 0.1% to about 5.0% by weight, based on the reaction product obtained, of a basic catalyst.
10. The process according to Claim 1, wherein the reaction is carried out in the presence of about 0.2% to about 0.6% by weight, based on the reaction product obtained, of a basic catalyst.
11. The process according to Claim 1, wherein about 0.5 mol to about 100 mol of alkylene oxide is used per mol of alkyl and/or alkenyl polyglycoside.
12. The process according to Claim 1, wherein about 0.5 to about 20 mol of alkylene oxide is used per mol of alkyl and/or alkenyl polyglycoside.
13. The process according to Claim 1, wherein about 1 to about 15 mol of alkylene oxide is used per mol of alkyl and/or alkenyl polyglycoside.
14. The process according to Claim 1, wherein the alkylene oxide is

ethylene oxide.

15. The alkoxyated alkyl and/or alkenyl polyglycosides according to Claim 1 incorporated into an agrochemical formulation.

16. The alkoxyated alkyl and/or alkenyl polyglycosides according to Claim 1 incorporated into an herbicide.

17. The alkoxyated alkyl and/or alkenyl polyglycosides according to Claim 1, incorporated into a laundry or dishwashing detergent.

18. The alkoxyated alkyl and/or alkenyl polyglycosides according to Claim 1, incorporated into a cleaning preparation.

19. The alkoxyated alkyl and/or alkenyl polyglycosides according to Claim 1 incorporated into a pharmaceutical formulation.

20. The alkoxyated alkyl and/or alkenyl polyglycosides according to Claim 1 incorporated into a cosmetic formulation.